

SPORICIDE

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Inventor(s): YAMASHITA MASATADA; others: 02
Applicant(s): ISHIKAWAJIMA HARIMA HEAVY IND CO LTD
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Abstract

PURPOSE:To provide the sporicide containing the extract of a Liliaceae plant such as *Allium sativum*, *Allium bakeri*, *Allium fistulosum* L., or *Allium cepa* L., the extract being a natural substance, as an active ingredient, high in the sporicidal effect against fungi spores, and killing the spores contained in foods and also the fungi spores bred in building equipments, etc. **CONSTITUTION:**The sporicide contains an extract, such as a juice, its water extract, an aroma component obtained by a steam distillation method, or an extract obtained by a liquefied carbon dioxide gas extraction method, as an active ingredient, the juice being produced by grinding the various parts, e.g. bulbs, stems, leaves, etc., of *Allium sativum*, *Allium bakeri*, *Allium fistulosum* L., *Allium cepa* L., *Lilium auratum*, *Allium tuberosum* *Allium victorialis* L., etc., and subsequently squeezing the ground product. The extract can be coated directly on the surface of a food, etc., mixed with the food, or further mixed with other components, e.g. a binder such as cyclodextrin or chitosan, an antioxidant, a filler or a bactericide such as sorbic acid. Since being originated from the natural substance, the sporicide can safely be used.

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